

WHAT IS CLAIMED IS:

1. A printing apparatus for printing out, contents carried on broadcast signals onto paper, comprising:

a receiving unit for receiving the broadcast signals including contents;

a detecting unit for detecting contents designated for printing from the contents received by said receiving unit; and

a printing unit for printing out said designated contents detected by said detecting unit onto the paper.

2. The printing apparatus as claimed in claim 1, further comprising a print judging unit for instructing said printing unit to print said designated contents when a print designation code for designating the category of pre-stored designated contents coincides with a category code for specifying the category of said designated contents carried on the broadcast signals.

3. The printing apparatus as claimed in claim 2, further comprising a quantity detecting unit for detecting the quantity of the paper set in the printing apparatus, and wherein said print judging unit stores therein a plurality of said print designation codes, which are respectively listed in order of priority, and instructs said printing unit to print said designated contents with a high order of the priority when the quantity of the paper becomes adequate.

4. The printing apparatus as claimed in claim 2, further comprising:

a quantity detecting unit for detecting the quantity of the paper set in said printing apparatus; and

a storage unit for storing the data of said designated contents, wherein said print judging unit stores the data of said designated contents in said storage unit when the paper becomes unavailable.

5. A printing apparatus as claimed in claim 1, wherein the broadcast signals include a category code for specifying the category of said designated contents, further comprising a print judging unit for storing said category code of said designated contents in association with the frequency that said designated contents of said category code is printed, and instructing said printing unit to print said designated contents of said category code having a high frequency.

6. The printing apparatus as claimed in claim 1, wherein the printing apparatus prints out said designated contents and information relating to said designated contents, onto the paper.

7. The printing apparatus as claimed in claim 1, wherein said detecting unit detects whether or not a signal for print designation is carried on a vertical blanking interval of the broadcast signals.

8. The printing apparatus as claimed in claim 1, further comprising a control unit for combining information showing the contents of said designated contents in said designated contents wherein said printing unit prints out an image, which is combined by said control unit with information showing the contents of said designated contents.

9. The printing apparatus as claimed in claim 1, further comprising:

a storage unit for storing said designated contents detected by said detecting unit; and

a control unit for reading out said designated contents stored in said storage unit, instructing a display to display said designated contents, and instructing said printing apparatus to print selected contents when at least one of the displayed images is selected by a user.

10. The printing apparatus as claimed in claim 1, wherein said storage unit comprises a video tape recording device, which records said designated contents on video tape.

11. The printing apparatus as claimed in claim 1, wherein the broadcast signals are television signals.

12. A broadcast signal generator for generating broadcast signals, comprising a print request signal placing unit for adding to broadcasting data, a signal for requesting a printing apparatus into which the broadcast signals are input, to print designated contents carried on the broadcast signals.

13. A method of printing out designated contents carried on broadcast signals onto paper, comprising:

detecting a signal designating for printing said designated contents, said signal being carried on the broadcast signals; and

if said signal is detected at said detecting, a printing apparatus prints said designated contents onto paper.

14. The printing method as claimed in claim 13, further comprising print judging for instructing said printing to print said designated contents when a category code for specifying the category of said designated contents, carried on the broadcast signals, coincides with a print designation code designated previously.

15. The printing method as claimed in claim 14, wherein an order of priority of printing is determined for each of a plurality of print designation codes, further comprising detecting the quantity of the paper set in a printing apparatus, wherein said judging instructs said printing unit to print said designated contents with a high order of priority when the quantity of the paper reaches

a given amount.

16. The printing method as claimed in claim 14, further comprising:
detecting the quantity of the paper set in a printing apparatus; and

storing data of said designated contents,

wherein said print judging stores data of said designated contents at said storing when the paper becomes unavailable.

17. The printing method as claimed in claim 14, wherein:

the broadcast signals include said category code for specifying the category of said designated contents, the printing method further comprising:

storing said category code of said designated contents printed at said printing in association with the frequency that said designated contents of said category code is printed; and

instructing said printing to print said designated contents of said category code having a high frequency.

18. The printing method as claimed in claim 13, wherein said printing prints said designated contents and information relating to said designated contents.

19. The printing method as claimed in claim 13, wherein said detecting detects whether or not a signal for designating printing is carried on a vertical blanking interval of the broadcast signal.